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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. 5865	
10/032,093	12/31/2001	Kenji Hori	111608		
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OLIFF & BERRIDGE, PLC			EXAMINER		
P.O. BOX 19928 ALEXANDRIA, VA 22320			HASAN, MOHAMMED A		
			ART UNIT	PAPER NUMBER	
			2873		
			DATE MAILED: 09/26/2002		

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Application No. Application No. Application No. Individual Application No. Individual Application No. Individual					11/2				
Examiner Mohammed Hasain 2873			Applica	ition No.		Applicant(s)			
Nohammed Hasan 2873	,			10/032,093		HORI, KENJI			
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extension of time may be availated under the provisors of 3 C.R. 1.13(a). In no exect, trowver, may a reply be timely filed and SK, (b) MONTHS from the rading state making the provisors of 3 C.R. 1.13(a). In no exect, trowver, may a reply be timely filed and SK, (b) MONTHS from the rading state making the provisors of 3 C.R. 1.13(a). In no exect, trowver, may a reply be timely filed and SK, (b) MONTHS from the rading state making state making state of the provisors	Office Action Summary		Examin	Examiner		Art Unit			
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2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1 - 8 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) are subject to to estriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 12/31/01 Is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The proposed drawing correction filed on is a) proved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c None of: 1 Certified copies of the priority documents have been received in Application No 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s)	THE N - Exter after - If the - If NO - Failur - Any re earne	MAILING DATE OF THIS COMMUNION IS STATEMENT OF THIS COMMUNION IS STATEMENT OF THIS COMMUNION IS STATEMENT OF THE MONTHS FROM THE MAILING DETECTION OF THE MONTHS FROM THE MONTH OF THE MONT	CATION. of 37 CFR 1.136(a) In no unication b) days, a reply within the s tutory period will apply and will, by statute, cause the a	event, however, statutory minimun d will expire SIX (application to bed	may a reply be time n of thirty (30) days 6) MONTHS from th ome ABANDONED	ly filed will be considered tim the mailing date of this (35 U.S.C. § 133).	ely communication		
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	2) Notic	e of Draftsperson's Patent Drawing Review (P		5) 🔲 No	tice of Informal P				

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DETAILED ACTION

Oath/Declaration

1. Oath and declaration filed on 12/31/01 is accepted.

Information Disclosure Statement

2. The prior art documents submitted by applicant in the Information Disclosure Statement filed on April 18, 2002 have all been considered and made of record (note the attached a copy of form PTO – 1449).

Priority

3. Receipt of acknowledged of papers submitted under 35 U.S.C. 119 (a) - (d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

⁽e) the invention was described in-

⁽¹⁾ an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the

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treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

Claims 1, 3, 5, and 7 are rejected under 35 U.S.C. 102 (e) as being anticipated by Shiozawa (6,226,128).

Regarding claim 1, Shiozawa disclose a method of adjusting the optical thickness of an optical component made from a material transparent to light to be used, comprising: adding one of layers of a material which is the same as the material of an optical component (e.g., calcium fluoride used as an optical component and optical lithography apparatus column 4, lines 2-5), a material which has an index of refraction close to the index of refraction of material of optical component, to a surface of an optical component by at least one of vapor deposition and vapor growth, so that optical thickness is increased (column 1, lines 14-24).

Regarding claim 3, Shiozawa disclose a method of adjusting an optical component having a adhering a layer (e.g., calcium fluoride) of material to an optical component by at least one of vapor deposition, plating, and vapor growth to adjust the position at least one surface of an optical component (column 1, lines 14 - 24, column 4, lines 2 - 5).

Regarding claim 5, Shiozawa disclose an optical thickness has been adjusted by the thickness adjustment method (column 4, lines 23 – 34).

Regarding claim 7, Shiozawa disclose an optical component thickness has been adjusted by the thickness adjustment method (column 4, lines 23 – 34).

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Claim Rejections - 35 USC § 103

- 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 2, 4, 6, and 8 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Shiozawa in view of Ford (5,418,182).

Regarding claim 2, Shiozawa discloses a method of adjusting the optical thickness of an optical component (such as lens, prism, plate) made of material trans parent to light (column 1, lines 1- 24). Shiozawa discloses all of the claimed limitations except etching a surface of an optical component to reduce the optical thickness. Ford discloses etching a surface (10) of an optical component to reduce the optical thickness (etching creates ridges 46, refer to figure 1, column 4, lines 49 - 51). It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a semiconductor material such as CVD device with an etching surface to the Shiozawa an optical component for the purpose of chemical vapor deposition, magnetron sputtering, etc., the characteristics of ion beam sputtering make that process the most desirable and also an appropriate structure could be grown or deposited upon the substrate to form the necessary light as taught by Ford (column 4, lines 31 - 34, lines 45 - 48).

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Regarding claim 4, Shiozawa discloses a method of adjusting the optical thickness of an optical component (such as lens, prism, plate) (column 1, lines 1- 24). Shiozawa discloses all of the claimed limitations except etching a surface of an optical component to reduce the optical thickness. Ford discloses etching a surface (10) of an optical component to reduce the optical thickness (etching creates ridges 46, refer to figure 1, column 4, lines 49 - 51). It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a semiconductor material such as CVD device with an etching surface to the Shiozawa an optical component for the purpose of chemical vapor deposition, magnetron sputtering, etc., the characteristics of ion beam sputtering make that process the most desirable and also an appropriate structure could be grown or deposited upon the substrate to form the necessary light as taught by Ford (column 4, lines 31 - 34, lines 45 - 48).

Regarding claim 6, Ford discloses an optical thickness has been adjusted by the thickness adjustment method (e.g., etching creates ridges 46, refer to figure 1, column 4, lines 49 - 51, an appropriate structure could be grown or deposited upon the substrate, column 4, lines 45 - 48).

Regarding claim 8, Ford discloses an optical component thickness has been adjusted by the thickness adjustment method (e.g., etching creates ridges 46, refer to figure 1, column 4, lines 49 - 51, an appropriate structure could be grown or deposited upon the substrate, column 4, lines 45 - 48).

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Conclusion

6. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Mohammed Hasan whose telephone number is (703)

306-0089. The examiner can normally be reached on M-TH, 7:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Georgia Epps can be reached on (703) 308-4883. The fax phone numbers

for the organization where this application or proceeding is assigned are (703) 308-7724

for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 308-

0956.

MH

September 23, 2002

Georgia Epps

Supervisory Patent Examiner

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Technology Center 2800